2|07 #4

RAW SEQUENCE LISTING   DATE: 02/15/2002
PATENT APPLICATION: US/09/904,838   TIME: 15:46:59

Input Set : D:\CRF sequence listing.txt
Output Set: N:\CRF3\02152002\I904838.raw

ENTERED

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 3 <110> APPLICANT: Genentech, Inc.
 4        Ashkenazi, Avi
 5        Botstein, David
 6        Desnoyers, Luc
 7        Eaton, Dan L.
 8        Ferrara, Napoleone
 9        Filvaroff, Ellen
10        Fong, Sherman
11        Gao, Wei-Qiang
12        Gerber, Hanspeter
13        Gerritsen, Mary E.
14        Goddard, A.
15        Godowski, Paul J.
16        Grimaldi, Christopher J.
17        Gurney, Austin L.
18        Hillan, Kenneth, J.
19        Kljavin, Ivar J.
20        Mather, Jennie P.
21        Pan, James
22        Paoni, Nicholas F.
23        Roy, Margaret Ann
24        Stewart, Timothy A.
25        Tumas, Daniel
26        Williams, P. Mickey
27        Wood, William, I.
29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
30        Acids Encoding the Same
32 <130> FILE REFERENCE: 10466-14
34 <140> CURRENT APPLICATION NUMBER: US/09/904,838
35 <141> CURRENT FILING DATE: 2001-09-18
37 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
38 <151> PRIOR FILING DATE: 2000-02-22
40 <150> PRIOR APPLICATION NUMBER: US 60/143,048
41 <151> PRIOR FILING DATE: 1999-07-07
43 <150> PRIOR APPLICATION NUMBER: US 60/145,698
44 <151> PRIOR FILING DATE: 1999-07-26
46 <150> PRIOR APPLICATION NUMBER: US 60/146,222
47 <151> PRIOR FILING DATE: 1999-07-28
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
50 <151> PRIOR FILING DATE: 1999-09-08
52 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
53 <151> PRIOR FILING DATE: 1999-09-13
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
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C--> markings appear at lines 34 and 35.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/904,838

DATE: 02/15/2002
TIME: 15:46:59

Input Set : D:\CRF sequence listing.txt
Output Set: N:\CRF3\02152002\I904838.raw

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59 <151> PRIOR FILING DATE: 1999-09-15
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
62 <151> PRIOR FILING DATE: 1999-10-05
64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
65 <151> PRIOR FILING DATE: 1999-11-29
67 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
68 <151> PRIOR FILING DATE: 1999-11-30
70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
71 <151> PRIOR FILING DATE: 1999-12-02
73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
74 <151> PRIOR FILING DATE: 1999-12-02
76 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
77 <151> PRIOR FILING DATE: 1999-12-16
79 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
80 <151> PRIOR FILING DATE: 1999-12-20
82 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
83 <151> PRIOR FILING DATE: 1999-12-20
84 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219
85 <151> PRIOR FILING DATE: 2000-01-05
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90 <210> SEQ ID NO: 1
91 <211> LENGTH: 1825
92 <212> TYPE: DNA
93 <213> ORGANISM: Homo sapiens
95 <400> SEQUENCE: 1
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98 cccgcagcgc tacccgccat gcgcctgccg cgccgggccg cgctggggct cctgccgctt 180
99 ctgctgctgc tgccgcccgc gccggaggcc gccaagaagc cgacgccctg ccaccggtgc 240
100 cggggggctgg tggacaagtt taaccagggg atggtggaca ccgcaaagaa gaactttggc 300
101 ggcgggaaca cggcttggga ggaaaagacg ctgtccaagt acgagtccag cgagattcgc 360
102 ctgctggaga tcctggaggg gctgtgcgag agcagcgact tcgaatgcaa tcagatgcta 420
103 gaggcgcagg aggagcacct ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480
104 ttattcgagt ggtttttgtgt gaagacactg aaagtgtgct gctctccagg aacctacggt 540
105 cccgactgtc tcgcatgcca gggcggatcc cagaggccct gcagcgggaa tggccactgc 600
106 agcggagatg ggagcagaca gggcgacggg tcctgccggt gccacatggg gtaccagggc 660
107 ccgctgtgca ctgactgcat ggacggctac ttcagctcgc tccggaacga gacccacagc 720
108 atctgcacag cctgtgacga gtcctgcaag acgtgctcgg cctgaccaa cagagactgc 780
109 ggcgagtgtg aagtgggctg ggtgctggac gagggcgcct gtgtggatgt ggacgagtgt 840
110 gcggccgagc cgcctccctg cagcgctgcg cagttctgta gaaacgccaa cggctcctac 900
111 acgtgcgaag agtgtgactc cagctgtgtg ggctgcacag gggaaggccc aggaaactgt 960
112 aaagagtgta tctctggcta cgcgagggag cacggacagt gtgcagatgt ggacgagtgc 1020
113 tcactagcag aaaaaacctg tgtgaggaaa aacgaaaact gctacaatac tccagggagc 1080
114 tacgtctgtg tgtgtcctga cggcttcgaa gaaacggaag atgcctgtgt gccgccggca 1140
115 gaggctgaag ccacagaagg agaaagcccg acacagctgc cctcccgcga agacctgtaa 1200
116 tgtgccggac ttacccttta aattattcag aaggatgtcc cgtggaaaat gtggccctga 1260
117 ggatgccgtc tcctgcagtg gacagcggcg gggagaggct gcctgctctc taacggttga 1320
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RAW SEQUENCE LISTING   DATE: 02/15/2002
PATENT APPLICATION: US/09/904,838   TIME: 15:46:59

Input Set : D:\CRF sequence listing.txt
Output Set: N:\CRF3\02152002\I904838.raw

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119 ttgatacagt tctttgtaat aaaattgacc attgtaggta atcaggagga aaaaaaaaaa 1440
120 aaaaaaaaaa aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
121 gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca tcacaaattt 1560
122 cacaaataaa gcattttttt cactgcattc tagttgtggt ttgtccaaac tcatcaatgt 1620
123 atcttatcat gtctggatcg ggaattaatt cggcgcagca ccatggcctg aaataacctc 1680
124 tgaaagagga acttggttag gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
125 tcagttaggg tgtggaaagt ccccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
126 ctcaattagt cagcaaccca gtttt                                      1825
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129 <211> LENGTH: 353
130 <212> TYPE: PRT
131 <213> ORGANISM: Homo sapiens

133 <400> SEQUENCE: 2
134 Met Arg Leu Pro Arg Arg Ala Ala Leu Gly Leu Leu Pro Leu Leu Leu
135   1               5                   10                  15
137 Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
138              20                  25                  30
140 Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
141          35                  40                  45
143 Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
144          50                  55                  60
146 Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
147  65                  70                  75                  80
149 Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
150                  85                  90                  95
152 Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
153              100                 105                 110
155 Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
156              115                 120                 125
158 Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
159          130                 135                 140
161 Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
162 145                 150                 155                 160
164 Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
165                 165                 170                 175
167 Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
168              180                 185                 190
170 His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
171          195                 200                 205
173 Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
174      210                 215                 220
176 Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
177 225                 230                 235                 240
179 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
180                 245                 250                 255
182 Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
183              260                 265                 270
185 Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys
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186         275                   280                   285
188 Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr Cys Val Arg Lys
189         290                   295                   300
191 Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr Val Cys Val Cys Pro
192 305                   310                   315                   320
194 Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
195                   325                   330                   335
197 Glu Ala Thr Glu Gly Glu Ser Pro Thr Gln Leu Pro Ser Arg Glu Asp
198                   340                   345                   350
200 Leu
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204 <211> LENGTH: 2206
205 <212> TYPE: DNA
206 <213> ORGANISM: Homo sapiens
208 <400> SEQUENCE: 3
209 caggtccaac tgcacctcgg ttctatcgat tgaattcccc ggggatcctc tagagatccc 60
210 tcgacctcga cccacgcgtc cgccaggccg ggaggcgacg cgcccagccg tctaaacggg 120
211 aacagccctg gctgagggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
212 ggtgcggcac gaggagtttt cccggcagcg aggaggtcct gagcagcatg gcccggagga 240
213 gcgccttccc tgccgccgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
214 gggcggaggc cgggccgccg caggaggaga gcctgtacct atggatcgat gctcaccagg 360
215 caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
216 cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480
217 attccatgaa ttttacctgg caagctgcag ggcaggcaga atacttctat gaattcctgt 540
218 ccttgcgctc cctggataaa ggcatcatgg cagatccaac cgtcaatgtc cctctgctgg 600
219 gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt ggaaaacagg 660
220 atggggtggc agcatttgaa gtggatgtga ttgttatgaa ttctgaaggc aacaccattc 720
221 tccaaacacc tcaaaatgct atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
222 ggtgccgaaa tggaggcttt tgtaatgaaa gacgcatctg cgagtgtcct gatgggttcc 840
223 acggacctca ctgtgagaaa gccctttgta ccccacgatg tatgaatggt ggactttgtg 900
224 tgactcctgg tttctgcatc tgcccacctg gattctatgg agtgaactgt gacaaagcaa 960
225 actgctcaac cacctgcttt aatggaggga cctgtttcta ccctggaaaa tgtatttgcc 1020
226 ctccaggact agagggagag cagtgtgaaa tcagcaaatg cccacaaccc tgtcgaaatg 1080
227 gaggtaaatg cattggtaaa agcaaatgta agtgttccaa aggttaccag ggagacctct 1140
228 gttcaaagcc tgtctgcgag cctggctgtg gtgcacatgg aacctgccat gaacccaaca 1200
229 aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggtac gaagccagcc 1260
230 tcatacatgc cctgaggcca gcaggcgccc agctcaggca gcacacgcct tcacttaaaa 1320
231 aggccgagga gcggcgggat ccacctgaat ccaattacat ctggtgaact ccgacatctg 1380
232 aaacgtttta agttacacca agttcatagc ctttgttaac ctttcatgtg ttgaatgttc 1440
233 aaataatgtt cattacactt aagaatactg gcctgaattt tattagcttc attataaatc 1500
234 actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag catgatggta 1560
235 tagattttct tgtttcagtg ctttgggaca gattttatat tatgtcaatt gatcaggtta 1620
236 aaattttcag tgtgtagttg gcagatattt tcaaaattac aatgcattta tggtgtctgg 1680
237 gggcagggga acatcagaaa ggttaaattg ggcaaaaatg cgtaagtcac aagaatttgg 1740
238 atggtgcagt taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
239 ttgttacatt tttaaaaatt gctcttaatt tttaaactct caatacaata tattttgacc 1860
240 ttaccattat tccagagatt cagtattaaa aaaaaaaaaa ttacactgtg gtagtggcat 1920
241 ttaaacaata taatatattc taaacacaat gaaataggga atataatgta tgaacttttt 1980
242 gcattggctt gaagcaatat aatatattgt aaacaaaaca cagctcttac ctaataaaca 2040
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RAW SEQUENCE LISTING   DATE: 02/15/2002
PATENT APPLICATION: US/09/904,838   TIME: 15:46:59

           Input Set : D:\CRF sequence listing.txt
           Output Set: N:\CRF3\02152002\I904838.raw

243 ttttatactg tttgtatgta taaaataaag gtgctgcttt agttttttgg aaaaaaaaaa 2100
244 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggccgc gactctagag tcgacctgca 2160
245 gaagcttggc cgccatggcc caacttgttt attgcagctt ataatg   2206
247 <210> SEQ ID NO: 4
248 <211> LENGTH: 379
249 <212> TYPE: PRT
250 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 4
253 Met Ala Arg Arg Ser Ala Phe Pro Ala Ala Ala Leu Trp Leu Trp Ser
254 1   5   10   15
256 Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro Pro Gln
257   20   25   30
259 Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
260   35   40   45
262 Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
263   50   55   60
265 Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
266 65   70   75   80
268 Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
269   85   90   95
271 Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
272   100   105   110
274 Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
275   115   120   125
277 His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
278   130   135   140
280 Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
281 145   150   155   160
283 Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
284   165   170   175
286 Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
287   180   185   190
289 Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
290   195   200   205
292 Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
293   210   215   220
295 Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
296 225   230   235   240
298 Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
299   245   250   255
301 Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
302   260   265   270
304 Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
305   275   280   285
307 Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
308   290   295   300
310 Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
311 305   310   315   320
313 His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/904,838

DATE: 02/15/2002
TIME: 15:47:00

Input Set : **D:\CRF sequence listing.txt**
Output Set: **N:\CRF3\02152002\I904838.raw**

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L:34 M:270 C: Current Application Number differs, Replaced Current Application Number
L:35 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:3591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:5349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:5484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:6545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
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